In the Specification

Please amend Paragraph [0026] as follows:

[0026]   At step 308, the least blocked side is selected to be utilized as the reference correction value. The ratio of the measured reference signal against the predicted reference signal is calculated for both the left side and the right side to ensure that the side with the highest ratio is always used for reference correction. This is to ensure that if one of the two sides is blocked by the patient (even if it is only slightly), the unblocked side is used. The ratios, $\eta_l(t)$ and $\eta_r(t)$, are calculated as follows:

$$\eta_l(t) = \frac{R_l(t)}{f_l(t)}, \text{ and } \eta_r(t) = \frac{R_r(t)}{f_r(t)}$$

~~$\eta_l(t)$~~ $\eta_l(t)$ is compared against ~~$\eta_r(t)$~~ $\eta_r(t)$ and the side with a higher ratio is used for the reference correction. For illustration, assume that $\eta_r(t) > \eta_l(t)$. (The other case can be treated in exactly the same manner by substituting the subscript "*r*" by "*l*" in all the following equations.)